

**Abstract**

5 Catalyst for exhaust-gas purification in lean-burn engines, characterized in that the catalyst comprises at least the following components:

- (i) iron oxide,
- (ii) platinum or rhodium or a mixture of platinum and rhodium as active metal,
- (iii) a support oxide,

10

the support oxide containing zirconium oxide, cerium/zirconium mixed oxide or mixtures of these compounds if the active metal used is platinum alone, or the support oxide containing zirconium oxide, cerium/zirconium mixed oxide, aluminium oxide, aluminosilicate, silicon oxide, zeolite or mixtures of these compounds if the  
15 active metal used is rhodium or a mixture of platinum and rhodium.